

10/23/01

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 JC832 U.S. PTO
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 Our File No. 9281-4223
 Client Reference No. N US00101

PATENT APPLICATION TRANSMITTAL LETTER

To the Commissioner for Patents:

Transmitted herewith for filing is the patent application of Naoya Hasegawa

for Spin-Valve Thin-Film Magnetic Element Without Sensing Current Shunt And Thin-Film Magnetic Head Including The Same

Enclosed are:

- ☐ Preliminary Amendment with attached Appendix A
- ☒ 133 pages of application (including title page), 34 sheets of formal drawings and the following Appendices: n/a
- ☒ Declaration and Power of Attorney for Patent Application
- ☒ Assignment transmittal letter and Assignment of the invention to: Alps Electric Co., Ltd.
- ☒ Submission of Certified Copy of Priority Document and certified copy of Japanese Application No. 2000-328276 and 2000-354145
- ☒ Information Disclosure Statement, PTO-1449, and references A1-A2

Claims as Filed	Col. 1	Col. 2
For	No. Filed	No. Extra
Basic Fee		
Total Claims	70-20	50
Indep. Claims	6-3	3
Multiple Dependent Claims Present		

*If the difference in col. 1 is less than zero, enter "0" in col. 2.

Small Entity	
Rate	Fee
	\$ 370
x\$9=	\$
x\$42=	\$
+\$140=	\$
Total	\$

Other Than Small Entity	
Rate	Fee
	\$ 740
x\$18=	\$900
x\$84=	\$252
+\$280=	\$0
Total	\$1,892

- ☐ Please charge my Deposit Account No. 23-1925 in the amount of \$ _____. A duplicate copy of this sheet is enclosed.
- ☒ A check in the amount of \$ 1,892 to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.
 - ☒ Any additional filing fees required under 37 CFR § 1.16.
 - ☒ Any patent application processing fees under 37 CFR § 1.17.
- ☐ The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.
 - ☐ Any filing fees under 37 CFR § 1.16 for presentation of extra claims.
 - ☐ Any patent application processing fees under 37 CFR § 1.17.
 - ☐ The issue fee set in 37 CFR § 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR § 1.311(b).

Date

10/23/01

Gustavo Siller, Jr.
 BRINKS HOFER GILSON & LIONE
 Registration No. 32,305



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